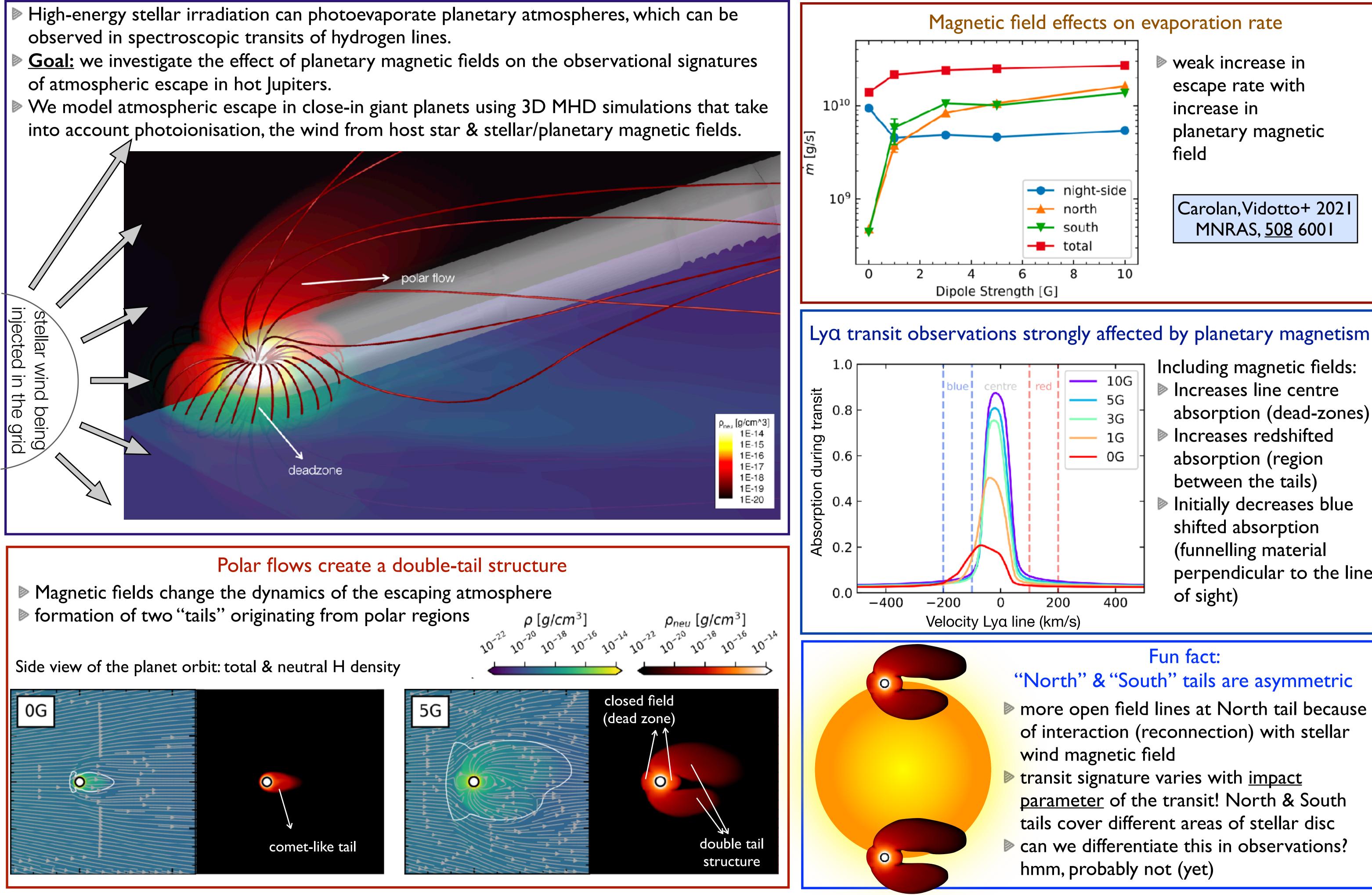
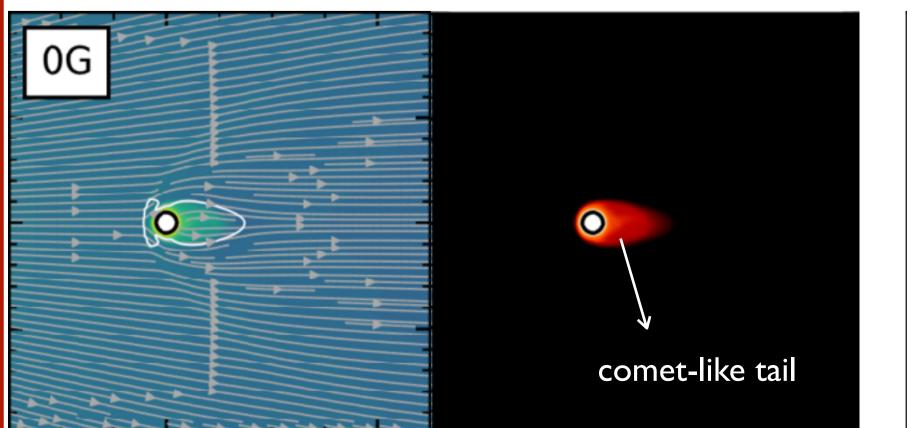


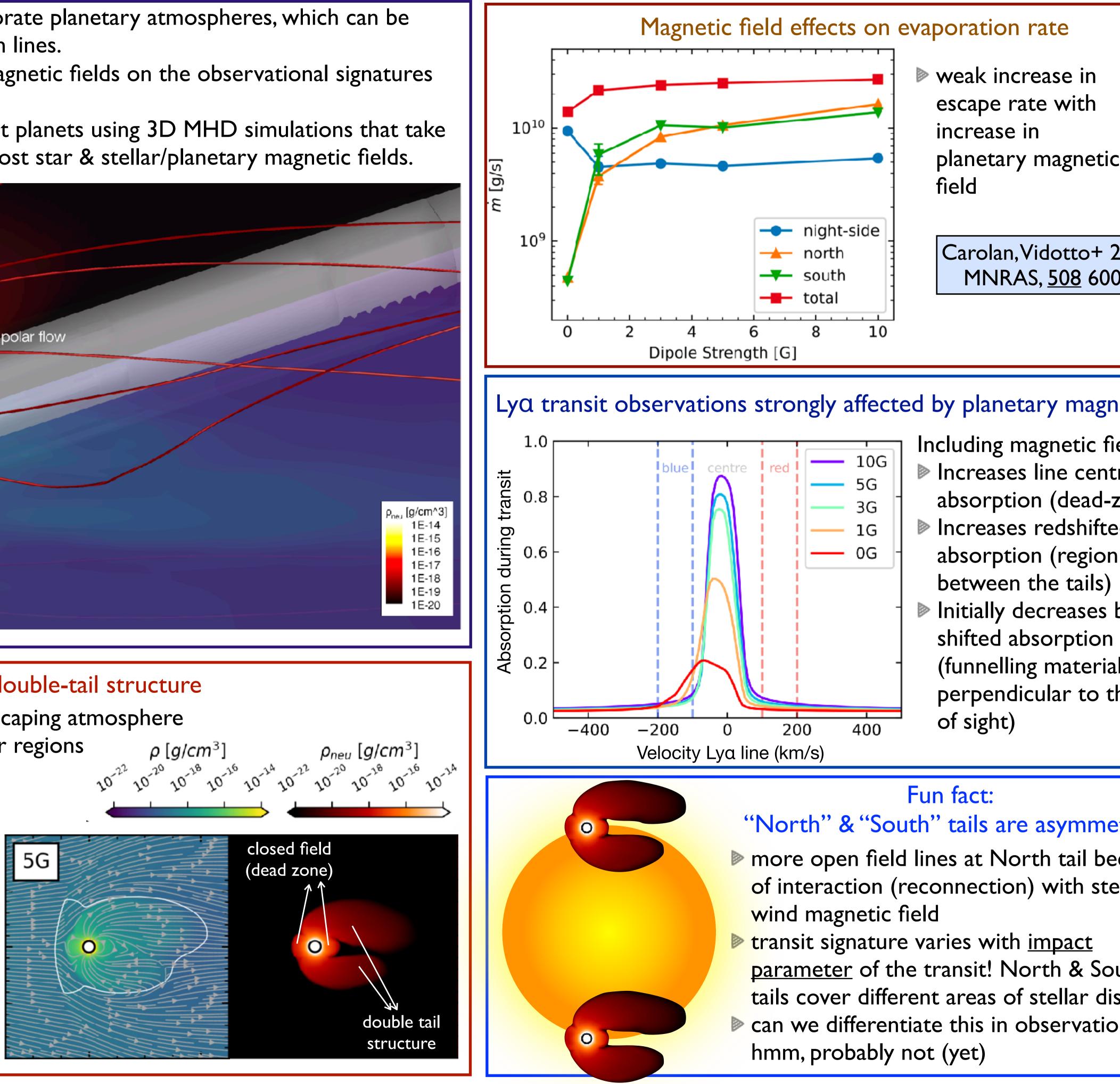
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Double tail structure in escaping atmospheres of magnetised close-in giant planets Aline A. Vidotto (Leiden Observatory), S. Carolan, G. Hazra, C. Villarreal D'Angelo, D. Kubyshkina

- observed in spectroscopic transits of hydrogen lines.
- of atmospheric escape in hot Jupiters.









Carolan, Vidotto+ 2021 MNRAS, <u>508</u> 6001

Including magnetic fields: ▶ Increases line centre absorption (dead-zones) Increases redshifted absorption (region Initially decreases blue (funnelling material perpendicular to the line